COMPUTER & INFORMATION TECHNOLOGY (CIT)

The CIT Program prepares students for high paying jobs in several areas of Technology. We offer both an Associate in Applied Science Degree as well as certificates in the program. The curriculum is supported by a solid foundation of core courses that focus on problem solving and communication skills for IT Professionals involved in a Computer Network environment. This program includes tracks in Applications, Information Security, Internet Technologies, Network Administration, Network Technologies, and Programming, with a core of courses common to all. The core includes a general education component essential to a collegiate education and a technical component giving students an introduction to information systems, computer applications, program development, system maintenance, networking, security, Internet technologies, database design, and collaborative system development. In addition to core courses, students take specialty courses for their selected track.

Contact Person:

Barry Phelps CIT Program Coordinator (270) 831-9678 barry.phelps@kctcs.edu

ABOUT HCC...

In the fall of 1960, the Northwest Extension of the University of Kentucky opened its doors for the first time to 256 Henderson, Union, and Webster County residents. In 1964, the Northwest Extension became Henderson Community College (HCC), a charter member of the University of Kentucky Community College System. Henderson Community College became a member of the Kentucky Community and Technical College System (KCTCS) in 1998.

Henderson Community College is accredited by the Commission on Colleges of the Southern Association of College and Schools, 1866 Southern Lane, Decatur, Georgia 30003, or call (404) 679-4501, for questions about the accreditation of Henderson Community College.

Revised 06/2014 Subject to change.

HCC is an equal opportunity employer and education institution.

Member of Kentucky Community and Technical College System and American



COMPUTER & INFORMATION TECHNOLOGY

Certificates

Vol. 4

- 15. SOCIAL MEDIA
 SPECIALIST CERTIFICATE
- 16. WEB PROGRAMMING CERTIFICATE
- 17. PROGRAMMING CERTIFICATE
- 18. WEB ADMINISTRATION CERTIFICATE

2660 South Green Street Henderson, KY 42420 (270) 831-9768 or (800) 696-9958

henderson.kctcs.edu

Kentucky Community & Technical College System

Academic Success

Some academic success courses may be required depending upon the prerequisites for coursework in that certificate. Proficiency in academic success courses can be demonstrated by taking the compass placement examination.

Academic Success Requirements

Credit Hrs.

ENC 090 - Foundations of College Writing I	3*
ENC 091 - Foundations of College Writing II	3*
MAT 055 - Pre-Algebra	3*
MAT 065 - Basic Algebra with Measurements	3*
RDG 010 - Introduction to College Reading	3*
RDG 020 - Improved College Reading	3*
RDG 030 - Reading for the College Classroom	3*

- * Courses numbering 001-099 and MAT 108 and MAT 120 do not count toward the determination of grade point average or as credit toward graduation.
- * MAT 85 or MAT 120 or MAT 126 must be taken before MAT 150

Social Media Specialist Certificate

The Social Media Specialist Certificate prepares students for careers as social media analysts to leverage social media tools to increase business awareness and presence.

Credit Hrs.

CIT 105 - Introduction to Computers/	
Digital Literacy	0-3
CIT 155 - Web Page Development	3
CIT 151 - Social Media I	3
CIT 152 - Social Media Tools & Techniques	3
CIT 251 - Social Media II	3
BAS 160 - Introduction to Business	3
BAS 282 - Introduction to Marketing	3
Total Credit Hours	18-21

Web Programming Certificate

The Web Programming Certificate offers students the opportunity to earn a credential demonstrating web programming competencies. This certificate consists of the core skills that students need to effectively develop websites using web programming. In addition, this certificate will provide a way for professionals currently in the industry to update their web programming skills and for new students to show progress in the CIT program.

Credit Hrs. CIT 120 - Computational Thinking 3 CIT 150 - College Algebra 3 CIT 155 - Web Page Development 3 CIT 157 - Web Site Design & Production 3 CIT 171 - SQL I 3 CIT 253 - Data-Drive Web Pages: Topic 3 Approved Level I Web Programming Language 3 Approved Level II Web Programming Language 3 Total Credit Hours 24

Programming Certificate

The Software Developer Certificate offers students the opportunity to earn a credential demonstrating programming competencies. This certificate consists of the core skills that students need to effectively develop programs using multiple computer languages. In addition, this certificate will provide a way for professionals currently in the industry to update their programming skills and for new students to show progress in the CIT program.

Credit H	rs.
CIT 120 - Computational Thinking	3
Approved Level I Programming Language	3
Approved Level II Programming Language	3
Approved Level I,II, or III Programming Language	3
Total Credit Hours	12

Web Administration Certificate

The Web Administration Certificate offers students the opportunity to earn a credential demonstrating web administration competencies. This certificate consists of the core skills that students need to effectively maintaining web sites through network and web server administration. In addition, this certificate will provide a way for professionals currently in the industry to update their web administration skills and for new students to show progress in the CIT program.

•	•	Cred	it Hrs.
CIT	120	- Computational Thinking	3
CIT	150	- College Algebra	3
CIT	155	- Web Page Development	3
CIT	157	- Web Site Design & Production	3
CIT	253	- Data-Drive Web Pages: Topic	3
CIT	219	- Internet Protocols	3
CIT	255	- Web Server Administration	3
CIT	215	- MS Server Administration AND	3
CIT	213	- MS Client/Server Configuration	3
		OR	
CIT	216	- MS Server Advanced Services AN	ID (3)
CIT	213	- MS Client/Server Configuration	(3)
		OR	
CIT	217	- UNIX/Linux Administration AND	(3)
CIT	218	- UNIX/Linux Net Infrastructure	(3)
Tot	al Cr	redit Hours	27

